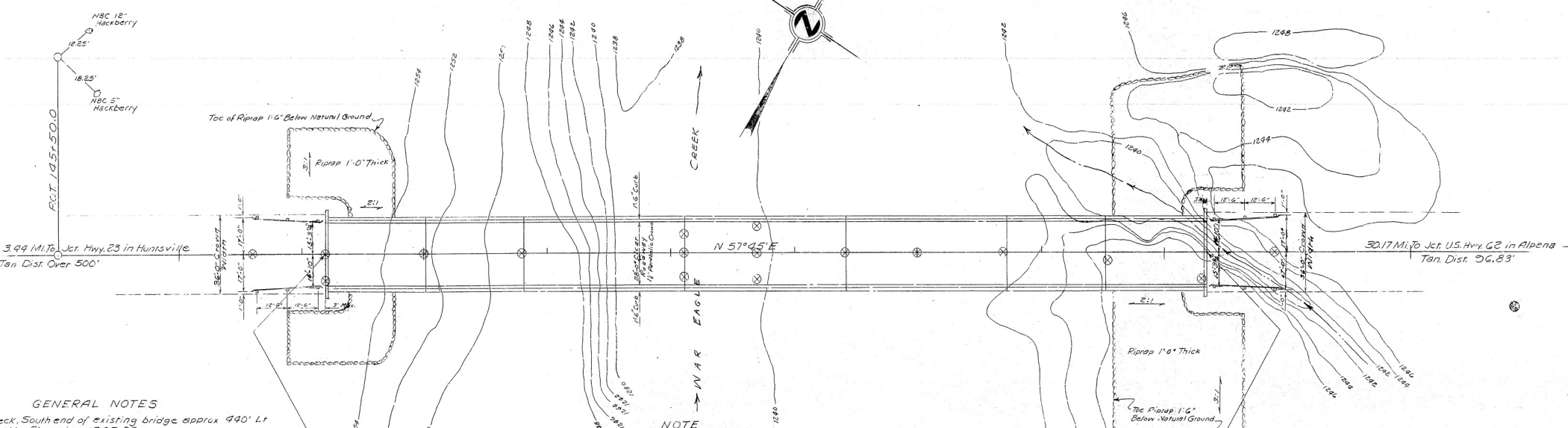


PER. ROAD DIST. IN	STATE	PROJECT NO.	SECTION	SHEET NO.	TOTAL SHEETS
6	ARK.	5-194(6)		5	27
JOB NO.	9422				

R/W DATA

Sta. 135+60 To Sta. 145+00: 40' LT & 60' RT
 Sta. 145+00 To Sta. 146+50: 40' LT & 60' RT
 Sta. 146+50 To Sta. 150+00: 40' LT & 60' RT
 Sta. 150+00 To Sta. 151+30: 40' LT & 60' RT
 Sta. 151+30 To Sta. 152+00: 40' LT & 60' RT
 Sta. 152+00 To Sta. 154+00: 40' LT & 60' RT



GENERAL NOTES

1. South end of existing bridge approx 440' Lt & 110'. Elevation 1262.00.
 2. Excavation to be made to neat lines of concrete. Care shall be exercised to avoid shattering faces by excessive blasting.
 3. Concrete in footings to be poured directly against bed faces of rock. All concrete to be poured dry.
 4. Details of End Bents, See Standard Drwg. No. 5477A
 5. Details of All Piers, See Drawing No. 10681
 6. Details of I-Beam Spans, See Drawings No. 5477 & 5442
 7. SPECIFICATIONS: Arkansas State Highway Commission Specifications for Road & Bridge Construction, adopted 1940; and Designated Special Provisions.

NOTE
 Contractor to remove existing bridge in accordance with SP-1006 Located approx 400' downstream from proposed bridge No. 3345.
 205.2' Long, 15' Clear Roadway Concrete Arch Type Construction 2-70' Arch Spans & 2-30' Approach Spans
 All material from the existing bridge shall become the property of the contractor.

DESIGN SPECIFICATIONS: AASHTO 1957
 LIVE LOADING: H20-S16
 UNIT STRESSES
 Class A Concrete (n=15) --- 640 p.s.i.
 Class 5 Concrete (n=10) --- 1200 p.s.i.
 Reinforcing Steel --- 20,000 p.s.i.
 Structural Steel --- 18,000 p.s.i.

PILING NOTES

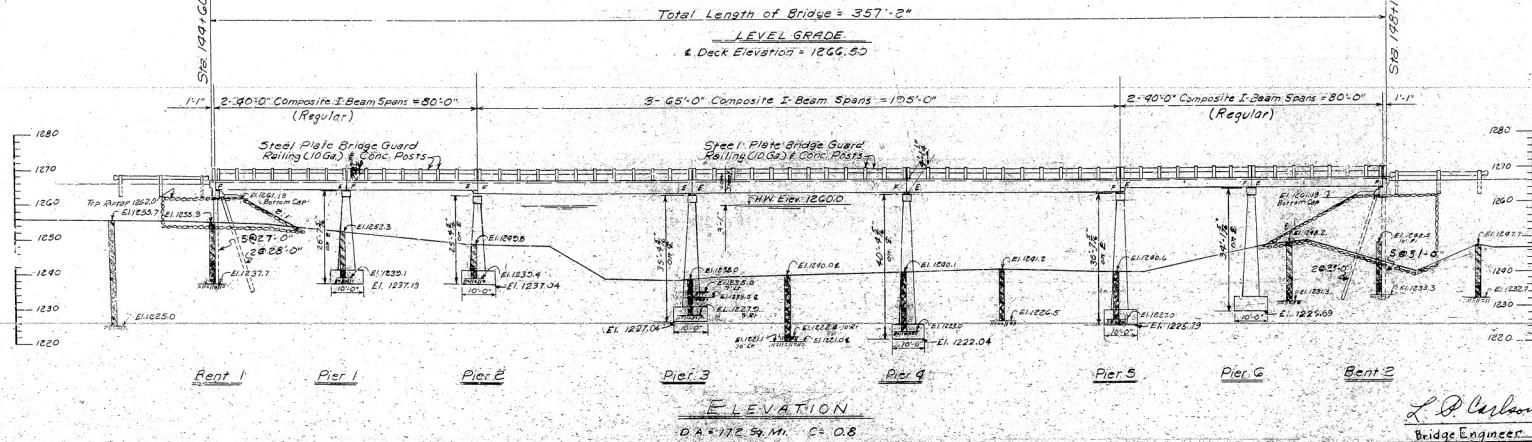
All piling to be driven after embankment at bridge is in place.
 All piling to be 12" H @ 53" L Steel bearing piling driven to refusal into the material designated as solid rock on the boring logs with a minimum bearing capacity of 36 tons per pile.
 Order lengths shown. Payment for cut-off and building where necessary, to be in accordance with SP-800.

Test Hole Symbol

Boring Log

Firm, Sandy Clay
 Compacted, Sandy Clay With Gravel & Small Boulders
 Solid Rock

Foundation Pressure (Calculated)
 Pier #4 = 2.0 tons/sq ft (LL+DL)



LAYOUT OF BRIDGE OVER
 WAR EAGLE CREEK
 MADISON COUNTY
 ROUTE 68 SEC. 3
 ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.
 Drawn By: JBC Date: 9-1-67
 Checked By: Gm Date: 9-1-67
 Scale: 1" = 20'

L. D. Carlson
 Bridge Engineer

BRIDGE NO. 3345 DRWG. NO. 106